NEW HORIZON COLLEGE OF ENGINEERING

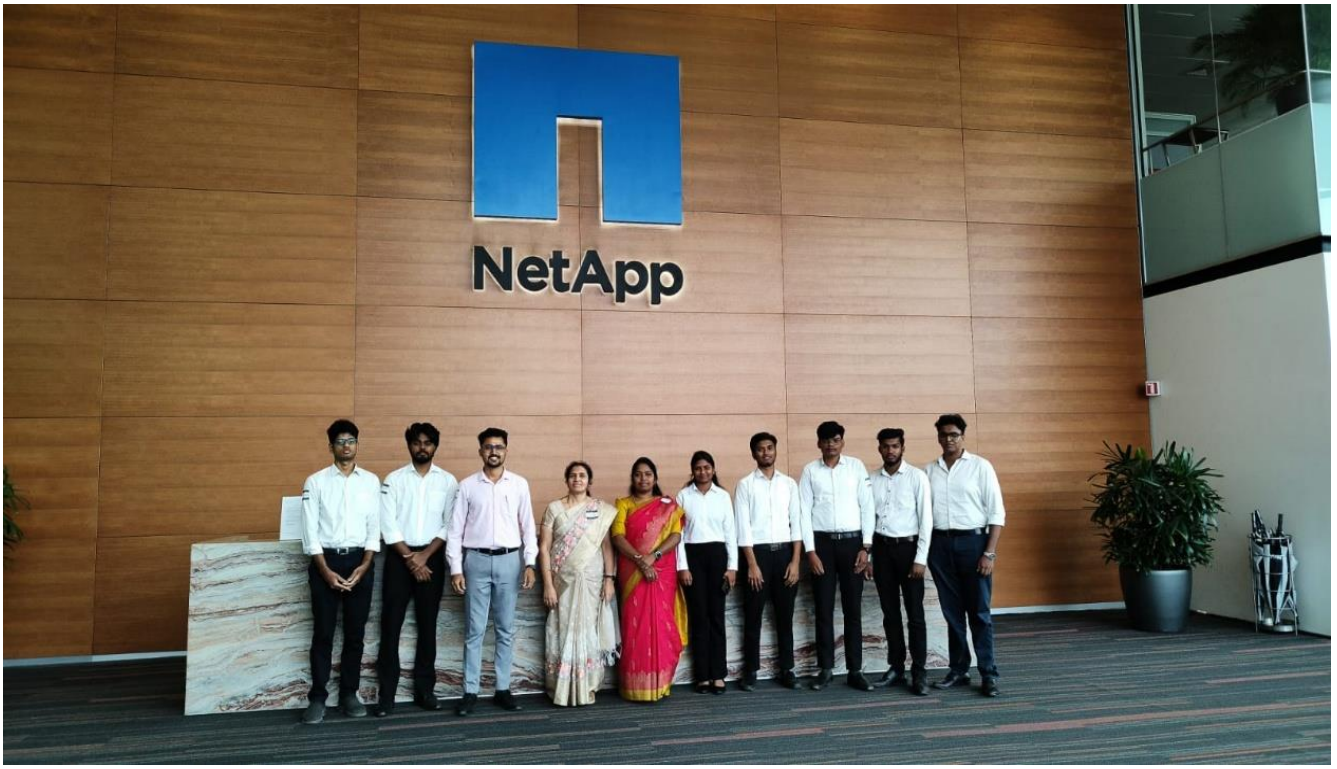
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC, Accredited by NBA & NAAC With 'A' Grade

DEPARTMENT OF CSE (DATA SCIENCE)

Event: "Industrial Visit to NetApp"

Venue: Hoodi, Bengaluru, Karnataka **Date:** 27/08/2026

On **27th August 2026**, the Department of Computer Science and Engineering (Data Science) at New Horizon College of Engineering organized an **industrial visit to the NetApp Office, Bengaluru** for the **7th semester students**. The visit was conducted from **10:00 AM to 03:00 PM** with the objective of providing students with exposure to advanced research environments and real-world technological developments.



NetApp is recognized as a leading technology enterprise, renowned for its contributions to cloud data services, intelligent infrastructure, and innovation. The industrial visit provided students with a valuable opportunity to understand how cloud-native ecosystems and advanced AI workload management contribute to solving complex real-world infrastructure challenges.

During the visit, the students were introduced to the organization's engineering culture, innovation ecosystem, and specialized approach to enterprise security. The industry experts explained various cutting-edge areas, including Zero Trust security for AI/ML/LLM workloads using ModelArmor, Dynamic Resource Allocation (DRA) for GPU optimization, and Kubernetes AI platform stacks. They discussed how Multi-Instance GPUs (MIG) and time-slicing—are being applied in real-life enterprise environments to develop efficient and scalable solutions for LLM serving and batch inference.

Students were also given insights into how research laboratories operate, how experiments are conducted, and how collaborative work between researchers, engineers, and scientists leads to technological breakthroughs. The session highlighted the importance of **innovation, critical thinking, experimentation, and continuous learning** in the field of computer science and data science.

The interaction with the experts helped students understand the gap between theoretical learning and practical implementation. They also learned about the role of research institutions in developing cutting-edge technologies that shape the future of industries such as healthcare, automation, communication systems, and intelligent computing.

The interaction with the experts helped students understand the gap between theoretical containerization and practical, enterprise-scale implementation. They also learned about the role of tech leaders in developing cutting-edge platforms that shape the future of industries such as agentic AI, automated workflows, secure distributed systems, and intelligent infrastructure.

Overall, the industrial visit was highly informative, inspiring, and educational. It provided students with an opportunity to experience a professional engineering environment and understand how knowledge gained in the classroom can be applied to develop secure, innovative infrastructure in the real world. The visit also motivated students to pursue higher studies and specialized paths in cloud-native technologies and DevSecOps.

In addition to the expert talks, an interactive Capture The Flag (CTF) competition was conducted for the students to enhance their understanding and engagement. Organized around KubeArmor, the CTF focused on real-world vulnerabilities with three distinct tracks: prompt injection, agent workflow exploitation, and uncovering hidden APIs. This hands-on challenge helped students reinforce their learning and test their knowledge of runtime policies by sandboxing deployments and decoding artifacts. Several students actively participated in the tracks, and the initiative added an interactive and competitive element to the visit, making the overall experience more enriching and enjoyable.

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